

Table 3A-2

INDUCED BODY CURRENT MEASUREMENTS  
 LOCATION:  
 BASE OF KNX (AM) MAIN TRANSMITTER  
 (RF FIELD = 1,406 VOLTS PER METER)

	WEARING SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
Both Feet On Meter	53 mA	66 mA	220 mA	320 mA
One Foot On Meter	31 mA	37 mA	155 mA	230 mA

Table 3A-3

INDUCED BODY CURRENT MEASUREMENTS  
DIVIDED BY RF EXPOSURE

	SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
2 Feet On Meter	.038 mA/V/m	.047 mA/V/m	.156 mA/V/m	.228 mA/V/m
1 Foot On Meter	.022 mA/V/m	.026 mA/V/m	.110 mA/V/m	.164 mA/V/m

**KNX (AM)**

**Measurement Locations:**

**3b: 20 Feet North Of KNX Main Tower Fence**

Table 3B-1

EXPOSURE MEASUREMENT  
 LOCATION:  
 20 FEET NORTH OF KNX (AM) MAIN TOWER FENCE

HEIGHT (in feet)	EXPOSURE ( $V^2/m^2$ )
0.5	1,200
1.0	2,200
1.5	3,800
2.0	6,200
2.5	7,500
3.0	10,000
3.5	45,000
4.0	42,000
4.5	52,000
5.0	62,000
5.5	72,000
6.0	<u>84,000</u>
AVERAGE	32,325 $V^2/m^2$
EQUIVALENT TO	180 V/m

Table 3B-2

INDUCED BODY CURRENT MEASUREMENTS  
 LOCATION:  
 20 FEET NORTH OF KNX (AM) TOWER FENCE  
 (RF FIELD = 180 VOLTS PER METER)

	WEARING SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
Both Feet On Meter	6.1 mA	9.0 mA	13.8 mA	23.0 mA
One Foot On Meter	4.7 mA	6.4 mA	13.2 mA	21.7 mA

Table 3B-3

INDUCED BODY CURRENT MEASUREMENTS  
DIVIDED BY EXPOSURE

	SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
2 Feet On Meter	.034 mA/V/m	.050 mA/V/m	.077 mA/V/m	.128 mA/V/m
1 Foot On Meter	.026 mA/V/m	.036 mA/V/m	.073 mA/V/m	.121 mA/V/m

**KNX (AM)**

**Measurement Locations:**

**3c: Base Of KNX (AM) Auxiliary Tower,**

**With Main Tower On**

Table 3C-1

EXPOSURE MEASUREMENT  
LOCATION:  
BASE OF KNX (AM) AUX TOWER, WITH MAIN TOWER ON

HEIGHT (in feet)	EXPOSURE ( $V^2/m^2$ )
0.5	500
1.0	700
1.5	1,300
2.0	3,800
2.5	4,500
3.0	5,700
3.5	23,000
4.0	34,000
4.5	44,000
5.0	60,000
5.5	77,000
6.0	<u>95,000</u>
AVERAGE	29,125 $V^2/m^2$
EQUIVALENT TO	171 V/m



Table 3C-2

INDUCED BODY CURRENT MEASUREMENTS  
 LOCATION:  
 BASE OF KNX (AM) AUXILIARY TOWER,  
 WITH MAIN TOWER ON  
 (RF FIELD = 171 VOLTS PER METER)

	WEARING SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
Both Feet On Meter	5.3 mA	7.9 mA	8.1 mA	15.6 mA
One Foot On Meter	4.1 mA	5.7 mA	7.8 mA	14.5 mA

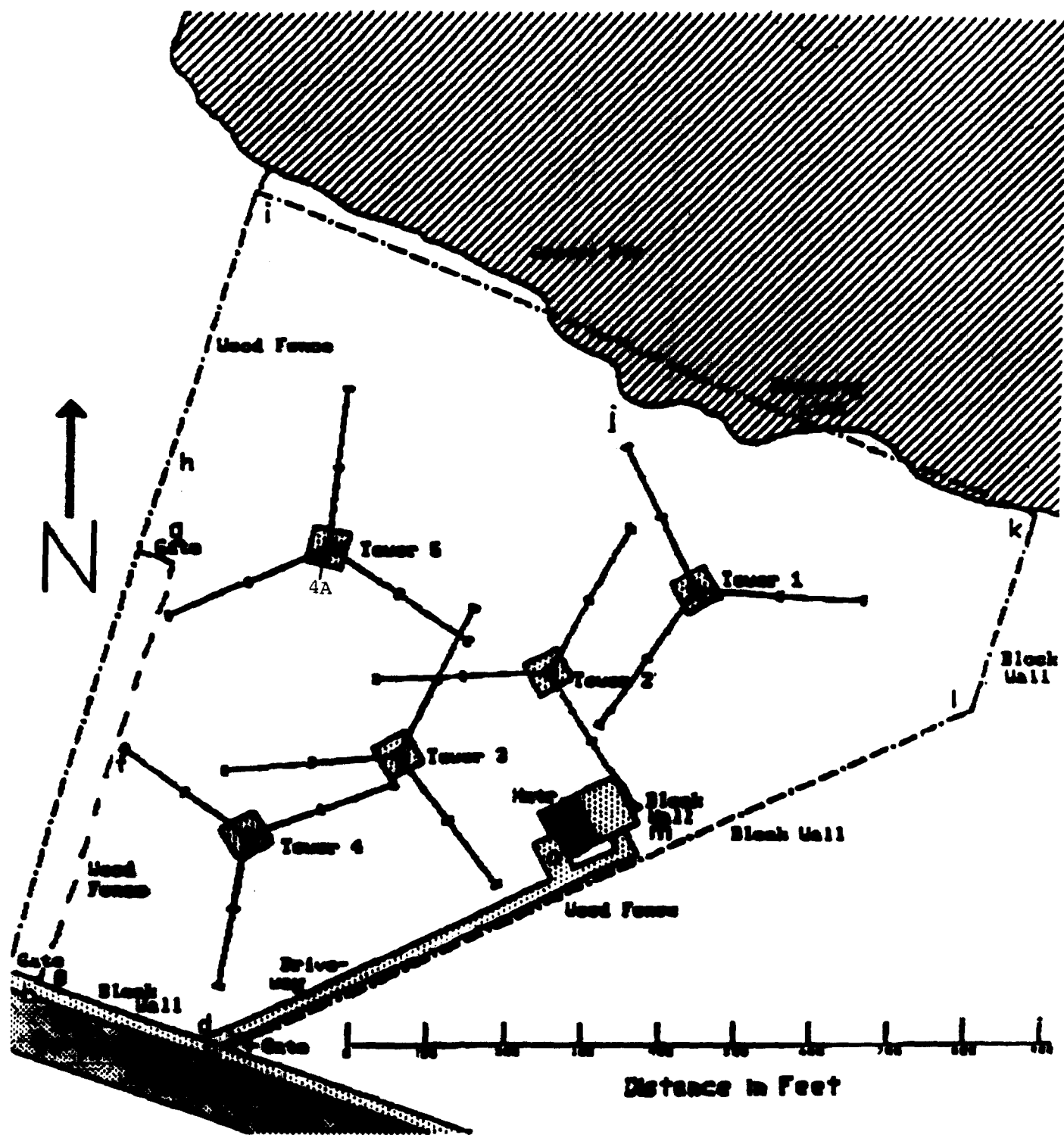
Table 3C-3

INDUCED BODY CURRENT MEASUREMENTS  
DIVIDED BY RF EXPOSURE

	SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
2 Feet On Meter	.031 mA/V/m	.046 mA/V/m	.047 mA/V/m	.091 mA/V/m
1 Foot On Meter	.024 mA/V/m	.033 mA/V/m	.046 mA/V/m	.085 mA/V/m

**SITE 4: KRLA (AM)**

KRLA TRANSMITTER FACILITY MEASUREMENT LOCATIONS



**LIST OF  
TRANSMITTING FACILITIES  
AT  
IRWINDALE**

**CALL SIGN**

**FREQUENCY**

**POWER-DIRECTIONALITY**

KRLA (AM)

1110 kHz

50 kw day

20 kw night, DA-2

**KRLA (AM)**

**Measurement Locations:**

**4a: Base of Tower #5**

Table 4A-1

EXPOSURE MEASUREMENT  
LOCATION:  
BASE OF KRLA (AM) TOWER #5

HEIGHT (in feet)	EXPOSURE ( $V^2/m^2$ )
0.5	250,000
1.0	320,000
1.5	520,000
2.0	820,000
2.5	1,400,000
3.0	2,000,000
3.5	5,500,000
4.0	4,200,000
4.5	4,500,000
5.0	5,000,000
5.5	5,500,000
6.0	<u>6,000,000</u>
AVERAGE	3,000,833 $V^2/m^2$
EQUIVALENT TO	1,732 V/m

Table 4A-2

INDUCED BODY CURRENT MEASUREMENTS

LOCATION:

BASE OF KRLA (AM) TOWER #5

(RF FIELD = 1,732 VOLTS PER METER)

	WEARING SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
Both Feet On Meter	53 mA	72 mA	163 mA	280 mA
One Foot On Meter	41 mA	46 mA	162 mA	250 mA



Table 4A-3

INDUCED BODY CURRENT MEASUREMENTS  
DIVIDED BY RF EXPOSURE

	SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
2 Feet On Meter	.031 mA/V/m	.042 mA/V/m	.094 mA/V/m	.162 mA/V/m
1 Foot On Meter	.024 mA/V/m	.027 mA/V/m	.094 mA/V/m	.144 mA/V/m

**SITE 5: MT. BEACON - 4 FM STATIONS**

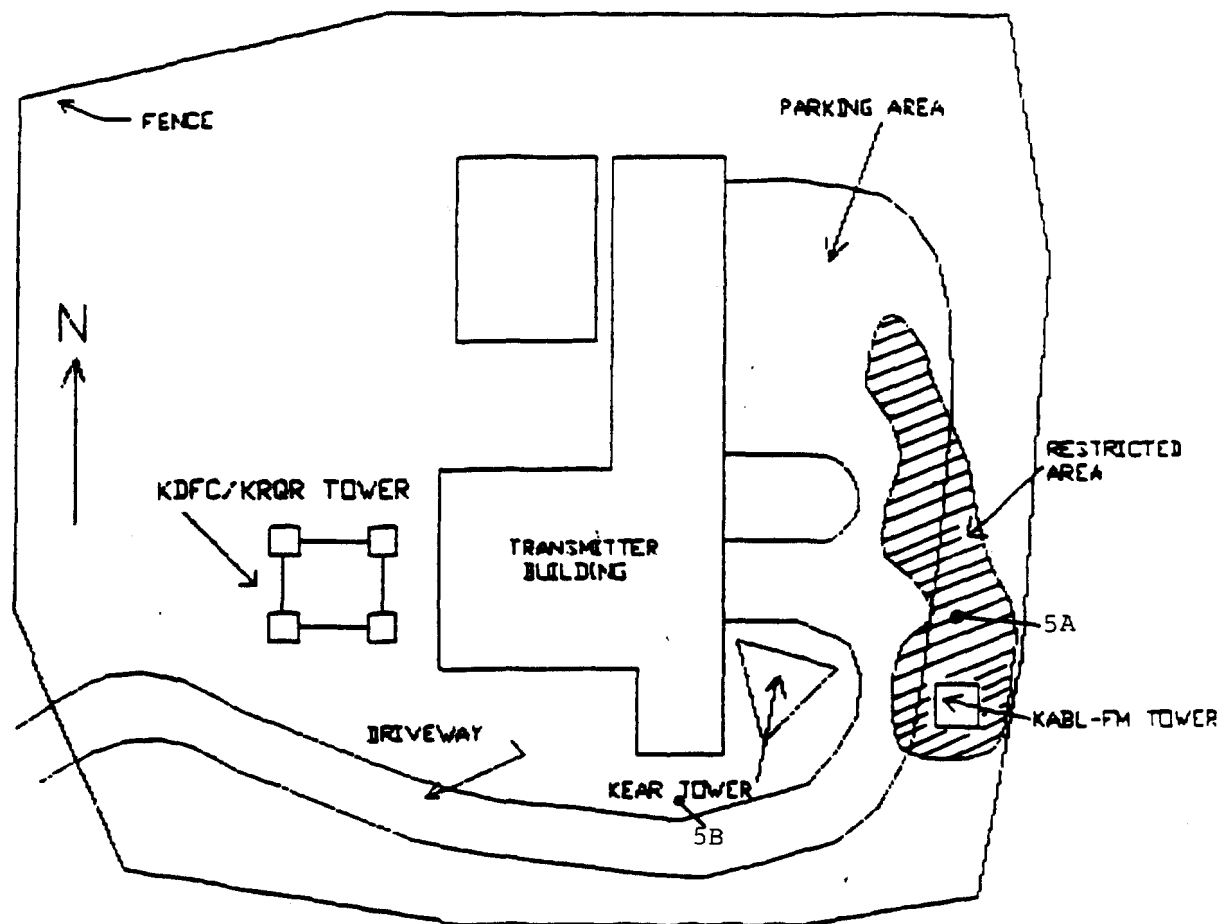


EXHIBIT A

Mt. BEACON TRANSMITTER SITE

**LIST OF  
TRANSMITTING FACILITIES  
  
AT  
  
MT. BEACON**

<b><u>CALL SIGN</u></b>	<b><u>FREQUENCY</u></b>	<b><u>POWER-DIRECTIONALITY</u></b>
KRQR-FM	97.3 MHz	82 kw
KEAR-FM	106.9 MHz	80 kw
KDFC-FM	102.1 MHz	33 kw
KABL-FM	98.1 MHz	100 kw

## **MT. BEACON - 4 FM STATIONS**

### **Measurement Locations:**

**5a: Between RFR Signs**

Table 5A-1

EXPOSURE MEASUREMENT  
LOCATION:  
MT. BEACON - BETWEEN RFR SIGNS

HEIGHT (in feet)	EXPOSURE ( $V^2/m^2$ )
0.5	700
1.0	1,500
1.5	2,500
2.0	3,200
2.5	3,400
3.0	3,000
3.5	3,100
4.0	2,500
4.5	2,300
5.0	2,200
5.5	2,200
6.0	<u>2,400</u>
AVERAGE	2,417 $V^2/m^2$
EQUIVALENT TO	49 V/m

Table 5A-2

INDUCED BODY CURRENT MEASUREMENTS

LOCATION:

MT. BEACON - BETWEEN RFR SIGNS

(RF FIELD = 49 VOLTS PER METER)

	WEARING SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
Both Feet On Meter	68 mA	62 mA	145 mA	120 mA
One Foot On Meter	220 mA	220 mA	230 mA	380 mA

Table 5A-3

INDUCED BODY CURRENT MEASUREMENTS  
DIVIDED BY RF EXPOSURE

	SHOES & SOCKS		BARE FEET	
	HANDS AT SIDE	HANDS OVER HEAD	HANDS AT SIDE	HANDS OVER HEAD
2 Feet On Meter	1.39 mA/V/m	1.27 mA/V/m	2.96 mA/V/m	2.45 mA/V/m
1 Foot On Meter	4.49 mA/V/m	4.49 mA/V/m	4.69 mA/V/m	7.76 mA/V/m



## **MT. BEACON - 4 FM STATIONS**

### **Measurement Locations:**

**5b: Near Auxiliary Tower**